

|   |  |                                    |                               |
|---|--|------------------------------------|-------------------------------|
| FORM PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO.<br>1293.1053   | APPLICATION NO.<br>09/163,977 |
| <b>INFORMATION DISCLOSURE STATEMENT</b><br><br><i>(Use several sheets if necessary)</i> |  | FIRST NAMED INVENTOR<br>Ju-ha PARK |                               |
|   |  | FILING DATE<br>September 30, 1998  | GROUP/ART UNIT<br>2622        |

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE    | NAME            | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|---------|-----------------|-------|---------------|----------------|
|                      | AA | 5,583,889       | 12-1996 | Citta et al.    |       |               |                |
|                      | AB | 5,625,406       | 04-1997 | Newberry et al. |       |               |                |
|                      | AC | 5,737,030       | 04-1998 | Hong et al.     |       |               |                |
|                      | AD |                 |         |                 |       |               |                |
|                      | AE |                 |         |                 |       |               |                |
|                      | AF |                 |         |                 |       |               |                |
|                      | AG |                 |         |                 |       |               |                |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT<br>NO. | DATE | COUNTRY<br>(Corresponding Reference, if any) | TRANSLATION<br>YES NO |  | English<br>ABSTRACT |
|--|----|-----------------|------|--|-----------------------|--|---------------------|
|  | AH |                 |      |  |                       |  |                     |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  |  |  |  |  | TRANSLATION<br>YES NO |  |
|--|----|--|--|--|--|--|-----------------------|--|
|  | AI |  |  |  |  |  |                       |  |

|   |                 |
|---|-----------------|
| EXAMINER  | DATE CONSIDERED |
| <p><b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |                 |

**ATTACHMENT 1(f)**

|                                       |                      |                 |
|---------------------------------------|----------------------|-----------------|
| <b>LIST OF COPENDING APPLICATIONS</b> | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|                                       | 1293.1053            | 09/163,977      |
|                                       | FIRST NAMED INVENTOR |                 |
|                                       | Ju-ha PARK           |                 |
|                                       | FILING DATE          | GROUP/ART UNIT  |
|                                       | September 30, 1998   | 2622            |

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided, UNLESS DOMESTIC PRIORITY IS CLAIMED THEREON UNDER 35 U.S.C. § 120 AND/OR THE APPLICATION IS PUBLISHED. 37 CFR § 1.98(a)(2)(II),(III) AND 1.98(3)(d)(1).

It is requested that the Examiner acknowledge his consideration of application(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

**This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.**

**U.S. PATENT APPLICATION DOCUMENTS**

| *EXAMINER<br>INITIAL |   | U.S. SERIAL NO. | FILING DATE           | NAME       | ASSIGNEE                         |
|----------------------|---|-----------------|-----------------------|------------|----------------------------------|
|                      | 1 | 13/617,918      | September<br>14, 2012 | Ju-ha PARK | Samsung Electronics<br>Co., Ltd. |
|                      | 2 |                 |                       |            |                                  |
|                      | 3 |                 |                       |            |                                  |
|                      | 4 |                 |                       |            |                                  |
|                      | 5 |                 |                       |            |                                  |
|                      | 6 |                 |                       |            |                                  |
|                      | 7 |                 |                       |            |                                  |
|                      | 8 |                 |                       |            |                                  |

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| EXAMINER   | DATE CONSIDERED |
| <p><b>*EXAMINER:</b> Initial if document considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |                 |

**ATTACHMENT 1(g)**

|   |                      |                 |
|---|----------------------|-----------------|
| <b>LIST OF ADDITIONAL SUBMITTED DOCUMENTS</b> | ATTORNEY DOCKET NO.  | APPLICATION NO. |
|   | 1293.1053            | 09/163,977      |
|   | FIRST NAMED INVENTOR |                 |
|   | Ju-ha PARK           |                 |
|   | FILING DATE          | GROUP ART UNIT  |
|   | September 30, 1998   | 2622            |

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialing same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

**This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.**

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
|                      | BA |                 |      |      |       |               |                |

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

|  |    |  | TRANSLATION |    |
|--|----|--|-------------|----|
|  |    |  | YES         | NO |
|  | Bb | Notice of Allowance mailed September 14, 2012 in corresponding U.S. Application No. 12/822,878     |             |    |
|  | BC | U.S. Notice of Allowance mailed December 11, 2012 in corresponding U.S. Application No. 12/834,436 |             |    |
|  | BD | Office Action mailed November 14, 2012 in corresponding U.S. Application No. 13,482,593            |             |    |
|  | BE |  |             |    |

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|--|-----------------|
| EXAMINER   | DATE CONSIDERED |
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